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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,551	03/18/2004	Michael Anthony Dean	03-4027	5673
25537 7590 04/20/2007 VERIZON PATENT MANAGEMENT GROUP 1515 N. COURTHOUSE ROAD SUITE 500 ARLINGTON, VA 22201-2909			EXAMINER OMOSEWO, OLUBUSOLA	
			ART UNIT 2168	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	04/20/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 04/20/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@verizon.com

Office Action Summary

Application No.

10/803,551

Applicant(s)

DEAN, MICHAEL ANTHONY

Examiner

OLUBUSOLA ONI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 01/03/2007.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Wical Kelly (Patent No. 6,038,560).

For claim 1, Wical teaches “parsing statements from at least one Semantic Web structured resource to identify component words” (Col. 5, lines 42-Col. 7, lines 33, Col. 27, lines 15-Col. 28, lines 58);

“constructing an index from said component words, said index relating said component words to said statements”(Col. 6, lines 64-Col. 7, lines 2, Col. 29, lines 32-Col. 30, lines 6);

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"comparing said component words to a search term to identify matching words, Identifying related ones of said statements for said matching words based on said index"(Col. 1, lines 26-34, Col. 29, lines 32-Col. 1-57);

"obtaining predicates, instances, types of said instances, and literal values of said related ones of said statements"(Col.4, lines 45-62); and

"summarizing said predicates, instances, types, and literal values for presentation to a user as said search results"(Col. 4, lines 51-62, Col. 32, lines 17-33)

For claim 2, Wical teaches "arranging said predicates, instances, types, and literal values into one or more graphical representations"(Col. 4, lines 45-62); and

"grouping said graphical representations according to at least one of said types and said literal values"(Col. 4, lines 45-62)

For claim 3, Wical teaches "identifying Semantic Web structured resources to obtain identified Semantic Web structured resources"(Col. 2, lines 23-40, Col. 5, lines 28-41)

"gathering statements from said identified Semantic Web structured resources to obtain gathered statements"(Col. 2, lines 43-53, Col. 5, lines 28-41)

"presenting said gathered statements for parsing of said gathered statements"(Col. 5, lines 42-Col. 7, lines 33, Col.27, lines 15-Col. 28, lines 58)

"wherein constructing an index comprises updating said index based on the parsing of said gathered statements"(Col. 6,lines 34-Col. 7, lines 22, Col. 29, lines 32-Col. 30,lines 6)

For claims 4, 7, 13 and 15, these claims are rejected on grounds corresponding to the arguments given above for rejected claim 2 and are similarly rejected.

For claim 5, Wical teaches "visiting sites on a network to identify Semantic Web structured resources"(Col. 1, lines 26-30, Col. 5, lines 28-41) "gathering statements from said Semantic Web structured resources"(Col. 5, lines 28-41) "parsing of said statements to identify component words"(Col. 5, lines 42-Col. 7, lines 33, Col. 27, lines 15-Col. 28, lines 58)

"constructing an index from said component words, said index relating said component words to said statements"(Col. 6, lines 34-Col. 7, lines 2, Col. 29, lines 32-Col. 30, lines 6)

"storing said index as said database on said computer-readable medium"(Col. 31, lines 48-67, Col. 32, lines 1-16, Col. 32, lines 34-50,) and "updating said database by iteratively performing said visiting, said gathering, said parsing, said constructing, and said storing"(Col. 6, lines 34-61)

For claim 6, Wical teaches "obtaining predicates, instances, types of said instances, and literal values of said statements related to search terms of said query by said index"(Col. 4, lines 45-62); and "summarizing said predicates, instances, types, and literal values for presentation to a user as said search results"(Col. 4, lines 51-62, Col. 32, lines 17-33)

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For claim 8 this claim is rejected on grounds corresponding to the arguments given above for rejected claim 1 and is similarly rejected.

For claim 9, Wical teaches "means for arranging said predicates, instances, types, and literal values into one or more graphical representations"(Col. 4, lines 45-62); and "means for grouping said graphical representations according to at least one of said types and said literal values"(Col. 4, lines 45-62)

For claim 10, Wical teaches "means for identifying Semantic Web structured resources to obtain identified Semantic Web structured resources" (Col. 26, lines 23-40 Col. 5, lines 28-41,); "means for gathering statements from said identified Semantic Web structured resources to obtain gathered statements"(Col. 2, lines 43-53,Col. 5, lines 28-41)

"means for presenting said gathered statements for parsing of said gathered statements"(Col. 5, lines 42-Col. 7, lines 33, Col. 27, lines 15-Col. 28, lines 58); "means for iteratively invoking said means for identifying, said means for gathering and said means for presenting(Col. 2, lines 43-53, Col. 26, lines 23-40,Col. 27, lines 15-28); and "wherein said processor comprises means for updating said index based on the parsing of said gathered statements"(Col. 6, lines 34-61).

For claim 11 this claim is rejected on grounds corresponding to the arguments given above for rejected claim 9 and is similarly rejected.

For claims 12-14 these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-3 and are similarly rejected.

Response to Amendment

4. Applicant's argument filed January 3, 2007 has been fully considered but they are not persuasive. The examiner respectfully traverses applicant's arguments.

As per claims 1, 8 and 12 applicant argued that Wical's teachings does not include structured resources, on the contrary Wical's search and retrieval system includes documents labeled document 130, i.e. the document may be articles, books, periodical etc. The document is a compilation of information from any source, equivalent to applicant resources (collection of page in the specification) and the documents may be accessed via a network, (Col. 5, lines 28-41). Applicant also argued that Wical does not teach "parsing statements from at least one Semantic Web structured resource to identify component words". However, at Col. 5, lines 42-Col. 7, lines 30 Wical teaches a content processing system, which analyzes documents to provide thematic profiles and classification of the document. Likewise at Col. 27, lines 15-Col. 28, lines 58, wherein Wical's teachings include the theme parser and grammatical parser of the document. Wical's content processing system identifies themes from terminology used in the

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documents, however, Col. 7, lines 8-33 of Wical's teachings includes the inference processing 145 which parses the document with a restaurant review column and adds the theme/term restaurant to the document theme vector 160. However, Wical's teachings of parsing the content of document 130 which could be accessed through a network to identify themes is synonymous to applicants teachings of parsing statements from at least one Semantic Web structured resource to identify component words.

Applicant also argued that Wical does not teach "obtaining predicates, instances, types of said instances, and literal values of said related ones of said statements". However, at Col. 4, lines 45-62 Wical's teachings includes a search using a query term Stock, the search and retrieval system response may include different types of documents such as financial securities (type) which is a stock and which is retrieved based on the search word stock (predicate), and animals (type) which is a stock and which is retrieved based on the search word stock (predicate), and race automobiles (type) which is a stock and which is retrieved based on the search word stock (predicate), which is synonymous to applicants teachings.

As per claim 5, applicant argued that Wical does not teach "visiting sites on a network to identify semantic web structured resources". On the contrary, Wical's teachings at Col. 5, lines 28-41 involve a search and retrieval system, which includes documents such as documents 130. The document may be articles, books, periodical etc. The documents may be accessed via a network; however, the document is a complication of information

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from any source, which is equivalent to applicant resources (collection of page in the specification) and reads on applicants visiting sites on the network, thus teachings are synonymous.

Applicant also argued that Wical does not teach "gathering statements from said semantic Web structured resources". Wical's teachings at Col. 5, lines 28-41 includes a search and retrieval system which includes documents such as document 130, the document may be articles, books, periodical etc. However, the document is a compilation of information from any source, equivalent to applicant (gathering of statements), and the documents may be accessed via a network. Thus the teachings are synonymous.

CONCLUSION

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUBUSOLA ONI whose telephone number is 571-272-2738. The examiner can normally be reached on 10.00-6.30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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